



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 5

AIR AND RADIATION DIVISION
77 WEST JACKSON BOULEVARD
CHICAGO, IL 60604-3590

REPLY TO THE ATTENTION OF:
(AT-18J)

DATE: APR 10 1986

SUBJECT: Applicable or Relevant and Appropriate Requirements (ARARs) for the Blackwell Landfill, DuPage County, Illinois

FROM: Jeanette Marrero, Environmental Engineer
Regulation Development Section
Air Toxics and Radiation Branch (AT-18J) *jm*

TO: Duane Heaton, RPM
IL/IN Section
Remedial Response Branch (HSRL-6J)

THRU: Carlton Nash, Chief *CK*
Regulation Development Section
Air Toxics and Radiation Branch (AT-18J)

This memo is in response to your request for air Applicable or Relevant and Appropriate Requirements. The subject site is located in a severe ozone nonattainment area. Section 182(d) of the Clean Air Act (CAA) defines a major source of VOC in a severe ozone nonattainment area as any existing stationary source that emits, or has the potential to emit, at least 25 tons per year of VOC. Such a source may be required to install reasonably available control technology (RACT), or, if modified, install the best available control technology (BACT), or gain emission offset credits under Section 182(d). A passive collection system vents volatile organic compounds (VOC) directly to the atmosphere if a flare is not employed. Emissions of VOC from such a practice may exceed 25 tons per year. If VOC emissions exceed this level, the major source requirements under Section 182(d) of the CAA may apply.

Also, during remediation of the site, the National Ambient Air Quality Standards (NAAQS) are standards that are to be considered. Particulate matter (PM) may be significant in soil handling procedures such as excavation. The NAAQS to be considered is the PM standard (40 CFR 50). The PM standard is 150 $\mu\text{g}/\text{m}^3$, 24-hour average concentration and 50 $\mu\text{g}/\text{m}^3$, annual arithmetic mean; the procedures to determine compliance with the standard can be found in 40 CFR 50, Appendix K.

Thank you for the opportunity to review this document. If you have any questions, please contact me at 886-6543.

EPA Region 5 Records Ctr.



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